Sustainable Energy Committee – Minutes
Conference Room G - Town Hall
Friday, July 22, 2011
7:45 am – 9:10 am

Committee Members Present:
Suzy Littlefield, Chair
Richard Joyce
Robert Cooper
Ellen Korpi
Molly Fairchild, Sustainable Energy Coordinator

Absent: Christopher Ketchen, Beth DeSombre, Scott Bender

Meeting called to order at 7:45 am

Citizen's Speak; No one present

Technology in the Schools Ms Fairchild welcomed Sal Petralia, Assistant Superintendant and Rob Ford, director of Technology for the Schools, as part of the Committee's ongoing work to meet the Town-wide goal of 10% emissions reduction and the municipal goal of 20% emissions reduction from the 2007 baseline by 2013.

Inventory of Technology Mr Ford shared the current inventory of technology in the schools. Computers: (2125) Laptops 35/65 and continuing to move towards more laptops as the more flexible tool for teachers and also more energy efficient.
Printers (471);Projectors (326);Interactive Whiteboards (223);Scanners (110);Neos (1298)
Purchase Policy
Estimate life-cycle cost of purchase of energy use. purchase price + lifecycle energy cost
Ms Fairchild *will look for a formula to calculate. (Desk tops 7yrs / laptops 5yrs)*
Disposal –Blue Raven and CRT recycling – take at no charge
Ms Fairchild will look into what the town does with old equipment.
PaperlessDouble-sided print default setting for new printers that are double-sided able at the WHS. Also moving towards having one printer per house or cluster instead of in each room. Use of copiers is more efficient also. Scanners have been added to facilitate going paperless. Ms Littlefield added that the schools are going paperless with homework assignments. Mr Petralia added that the administration has worked to go paperless with HR applications.
Default Settings. Computers are programmed for sleep and hibernate, problem has been with default settings being changed because dod not want to turn off in middle of a class. **Daytime /standby** Coffee cup icon to allow to over-ride the sleep mode so that a teacher can keep the screen on throughout a class as needed. Reverts to the default after a few hours.

This will provide an alternative to having teachers resetting the computer defaults that are set by IT.

Available smart technology –especially for administrative offices and printers.
Ms Fairchild will send information about smart powerstrip.

Turn off policy for behavior standard,
Email sent before vacations to remind to turn off. Before vacations the Technology Specialist walk through the rooms to make sure things are turned off.
The projectors use a lot of power especially the older ones – it is easy to make the mistake of leaving it on – Mr Ford is looking to be able to turn them off remotely at the end of the day.

Plan for Technology Systems Maintenance (software updates)
Mr Ford indicated that this is less of a problem for the classrooms as updates can be made from 2:30 -4:00 and on vacations (summer is a busy time) Updates are also less frequent for this type of software.

Servers - A huge part of the energy use as well as the need for air-conditioning . the WMS server draws about 6.6kW. We are working on consolidating all the elementary school servers to the Middle School, which will be far more energy efficient.

Virtualizing the server @ WHS will most likely provide a50-60% reduction in energy use (claimed to be 80%...reduction in energy use)
Available information on energy efficient settings for home computers and technology / posted and visible
Plan for Power-Up Power-down at WMS
GroundedPower Screen displayed on Classroom white boards – Laptop
Dick Joyce will work with Grounded power to set up the link for all to access.

SEC Business Mr Joyce Discussed Green Communities Program from EPA that would assist with promoting VREP. Will make this the Agenda for 1st Meeting in September

Agreed to choose one date for August meeting - not Aug 5 (12,19,26)

Meeting Adjourned: 9:10 am

Next Meeting -TBD